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Oceanic Engineering, IEEE Journal of , Volume: 28 , Issue: 4 , Oct. 2003

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**3 Image analysis by Krawtchouk moments***Yap, P.-T.; Paramesran, R.; Seng-Huat Ong;*

Image Processing, IEEE Transactions on , Volume: 12 , Issue: 11 , Nov. 2003

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**4 Image analysis by Tchebichef moments***Mukundan, R.; Ong, S.H.; Lee, P.A.;*

Image Processing, IEEE Transactions on , Volume: 10 , Issue: 9 , Sept. 2001

Pages:1357 - 1364

[\[Abstract\]](#)   [\[PDF Full-Text \(220 KB\)\]](#)   IEEE JNL
**5 Robust rotation angle estimator**

*Whoi-Yul Kim; Young-Sung Kim;*

Pattern Analysis and Machine Intelligence, IEEE Transactions on , Volume: 21 , Issue: 8 , Aug. 1999  
Pages:768 - 773

[\[Abstract\]](#) [\[PDF Full-Text \(500 KB\)\]](#) IEEE JNL

**6 On the accuracy of Zernike moments for image analysis**

*Liao, S.X.; Pawlak, M.;*

Pattern Analysis and Machine Intelligence, IEEE Transactions on , Volume: 20 , Issue: 12 , Dec. 1998  
Pages:1358 - 1364

[\[Abstract\]](#) [\[PDF Full-Text \(228 KB\)\]](#) IEEE JNL

**7 Using Zernike moments for the illumination and geometry invariant classification of multispectral texture**

*Lizhi Wang; Healey, G.;*

Image Processing, IEEE Transactions on , Volume: 7 , Issue: 2 , Feb. 1998  
Pages:196 - 203

[\[Abstract\]](#) [\[PDF Full-Text \(392 KB\)\]](#) IEEE JNL

**8 A moment-based unified approach to image feature detection**

*Ghosal, S.; Mehrotra, R.;*

Image Processing, IEEE Transactions on , Volume: 6 , Issue: 6 , June 1997  
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[\[Abstract\]](#) [\[PDF Full-Text \(572 KB\)\]](#) IEEE JNL

**9 Recognition and pose estimation of unoccluded three-dimensional objects from a two-dimensional perspective view by banks of neural networks**

*Khotanzad, A.; Liou, J.J.-H.;*

Neural Networks, IEEE Transactions on , Volume: 7 , Issue: 4 , July 1996  
Pages:897 - 906

[\[Abstract\]](#) [\[PDF Full-Text \(1004 KB\)\]](#) IEEE JNL

**10 Invariant image analysis based on Radon transform and SVD**

*Al-Shaykh, O.K.; Doherty, J.F.;*

Circuits and Systems II: Analog and Digital Signal Processing, IEEE Transactions on [see also Circuits and Systems II: Express Briefs, IEEE Transactions on] , Vol 43 , Issue: 2 , Feb. 1996  
Pages:123 - 133

[\[Abstract\]](#) [\[PDF Full-Text \(1052 KB\)\]](#) IEEE JNL

**11 Complete sets of complex Zernike moment invariants and the role pseudoinvariants**

*Wallin, A.; Kubler, O.;*

Pattern Analysis and Machine Intelligence, IEEE Transactions on , Volume: 17 , Issue: 11 , Nov. 1995

Pages:1106 - 1110

[\[Abstract\]](#) [\[PDF Full-Text \(404 KB\)\]](#) IEEE JNL

---

**12 Detection of composite edges**

*Ghosal, S.; Mehrotra, R.;*

Image Processing, IEEE Transactions on , Volume: 3 , Issue: 1 , Jan. 1994

Pages:14 - 25

[\[Abstract\]](#) [\[PDF Full-Text \(760 KB\)\]](#) IEEE JNL

---

**13 Detection and classification of buried dielectric anomalies using neural networks-further results**

*Azimi-Sadjadi, M.R.; Stricker, S.A.;*

Instrumentation and Measurement, IEEE Transactions on , Volume: 43 , Issue: 1 , Feb. 1994

Pages:34 - 39

[\[Abstract\]](#) [\[PDF Full-Text \(600 KB\)\]](#) IEEE JNL

---

**14 Segmentation of range images: an orthogonal moment-based integrated approach**

*Ghosal, S.; Mehrotra, R.;*

Robotics and Automation, IEEE Transactions on , Volume: 9 , Issue: 4 , Aug.

Pages:385 - 399

[\[Abstract\]](#) [\[PDF Full-Text \(1656 KB\)\]](#) IEEE JNL

---

**15 Invariant image recognition by Zernike moments**

*Khotanzad, A.; Hong, Y.H.;*

Pattern Analysis and Machine Intelligence, IEEE Transactions on , Volume: 12 , Issue: 5 , May 1990

Pages:489 - 497

[\[Abstract\]](#) [\[PDF Full-Text \(772 KB\)\]](#) IEEE JNL

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